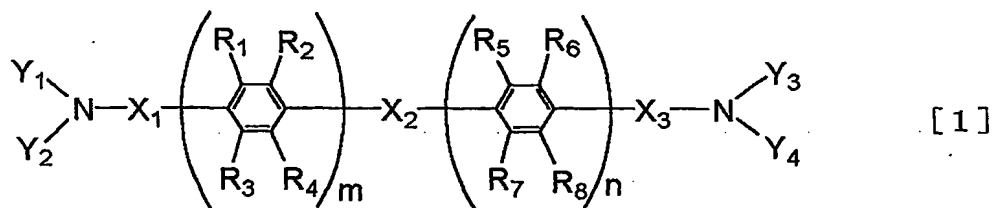


CLAIMS

1. An organic light-emitting device comprising a pair of electrodes consisting of an anode and a cathode and an organic compound-containing layer sandwiched between the pair of electrodes, wherein at least one layer of the organic compound-containing layers contains

at least one compound selected from the group consisting of compounds represented by general formula [1]:



wherein

Y_1 and Y_3 can be bonded to Y_2 and Y_4 respectively to form a ring, and X_1 and X_3 can be bonded to Y_1 and/or Y_2 and Y_3 and/or Y_4 respectively to form a ring;

X_1 , X_2 and X_3 are the same or different and are each independently a direct bond or a divalent group selected from the group consisting of alkylene, aralkylene, arylene, divalent heterocyclic, alkenylene, imino, $-\text{SiH}_2-$, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can include a linking group

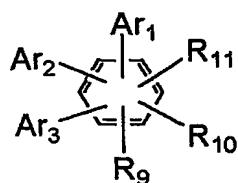
consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

Y₁ to Y₄ are the same or different and are each independently a group selected from the group
 5 consisting of alkyl, aralkyl, aryl, heterocyclic, amino, silyl, alkylene, aralkylene, alkenylene, imino, -SiH₂-, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can
 10 include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

R₁ to R₈ are the same or different and are each independently hydrogen, halogen or a group selected from the group consisting of alkyl, aralkyl and aryl,
 15 each having no substituent or a substituent; and

m+n is an integer from 0 to 10, and

at least one compound selected from the group consisting of compounds represented by general formula [2]:



[2]

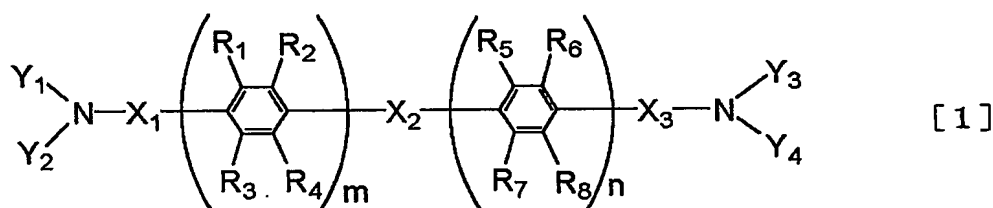
20

wherein Ar₁ to Ar₃ are the same or different and are each independently hydrogen or a group selected from the group consisting of aryl, heterocyclic, alkyl and

aralkyl, each having no substituent or a substituent;
 and R_9 to R_{11} are the same or different and are
 hydrogen, halogen, cyano, a substituted amino or a
 group selected from the group consisting of alkyl,
 5 aralkyl and amino, each having no substituent or a
 substituent.

2. An organic light-emitting device comprising
 a pair of electrodes consisting of an anode and a
 10 cathode and an organic compound-containing layers
 sandwiched between the pair of electrodes, wherein at
 least one layer of the organic compound-containing
 layers contains

at least one compound selected from the group
 15 consisting of compounds represented by general
 formula [1]:



wherein

20 Y_1 and Y_3 can be bonded to Y_2 and Y_4 respectively
 to form a ring, and X_1 and X_3 can be bonded to Y_1
 and/or Y_2 and Y_3 and/or Y_4 respectively to form a
 ring;

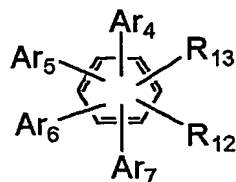
X_1 , X_2 and X_3 are the same or different and are

each independently a direct bond or a divalent group selected from the group consisting of alkylene, aralkylene, arylene, divalent heterocyclic, alkenylene, imino, $-\text{SiH}_2-$, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

Y_1 to Y_4 are the same or different and are each independently a group selected from the group consisting of alkyl, aralkyl, aryl, heterocyclic, amino, silyl, alkylene, aralkylene, alkenylene, imino, $-\text{SiH}_2-$, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

R_1 to R_8 are the same or different and are each independently hydrogen, halogen or a group selected from the group consisting of alkyl, aralkyl and aryl, each having no substituent or a substituent; and $m+n$ is an integer from 0 to 10, and

at least one compound selected from the group consisting of compounds represented by general formula [3]:

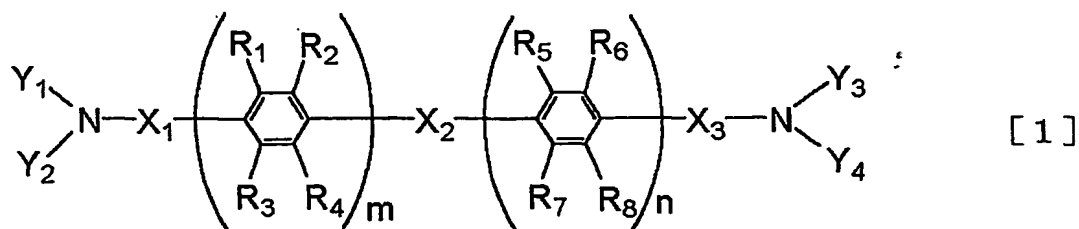


[3]

wherein Ar₄ to Ar₇ are the same or different and are each independently a group selected from the group consisting of aryl, and heterocyclic, each having no substituent or a substituent; and R₁₂ and R₁₃ are the same or different and are hydrogen, halogen, cyano, a substituted amino or a group selected from the group consisting of alkyl and aralkyl, each having no substituent or a substituent.

3. An organic light-emitting device comprising a pair of electrodes consisting of an anode and a cathode and an organic compound-containing layer sandwiched between the pair of electrodes, wherein at least one layer of the organic compound-containing layers contains

at least one compound selected from the group consisting of compounds represented by general formula [1]:



wherein

Y₁ and Y₃ can be bonded to Y₂ and Y₄ respectively
 5 to form a ring, and X₁ and X₃ can be bonded to Y₁
 and/or Y₂ and Y₃ and/or Y₄ respectively to form a
 ring;

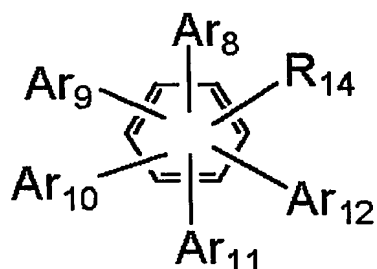
X₁, X₂ and X₃ are the same or different and are
 each independently a direct bond or a divalent group
 10 selected from the group consisting of alkylene,
 aralkylene, arylene, divalent heterocyclic,
 alkenylene, imino, -SiH₂-, silylene, carbonyl, ether
 and thioether, each having no substituent or a
 substituent which can include a linking group
 15 consisting of arylene or divalent heterocyclic, each
 having no substituent or a substituent;

Y₁ to Y₄ are the same or different and are each
 independently a group selected from the group
 consisting of alkyl, aralkyl, aryl, heterocyclic,
 20 amino, silyl, alkylene, aralkylene, alkenylene, imino,
 -SiH₂-, silylene, carbonyl, ether and thioether, each
 having no substituent or a substituent which can
 include a linking group consisting of arylene or

divalent heterocyclic, each having no substituent or a substituent;

R_1 to R_8 are the same or different and are each independently hydrogen, halogen or a group selected from the group consisting of alkyl, aralkyl and aryl, each having no substituent or a substituent; and $m+n$ is an integer from 0 to 10, and

at least one compound selected from the group consisting of compounds represented by general formula [4]:



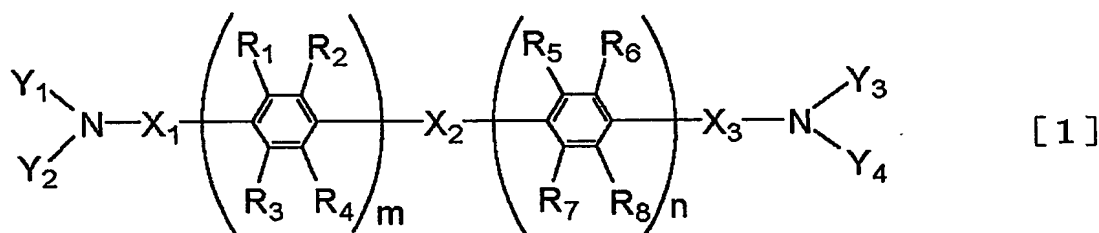
[4]

wherein Ar_8 to Ar_{12} are the same or different and are each independently a group selected from the group consisting of aryl and heterocyclic, each having no substituent or a substituent; and R_{14} is hydrogen, halogen, cyano, a substituted amino or a group selected from the group consisting of alkyl, aralkyl, aryl and heterocyclic, each having no substituent or a substituent.

4. An organic light-emitting device comprising a pair of electrodes consisting of an anode and a

cathode and an organic compound-containing layers sandwiched between the pair of electrodes, wherein at least one layer of the organic compound-containing layers contains

- 5 at least one compound selected from the group consisting of compounds represented by general formula [1]:



- 10 wherein

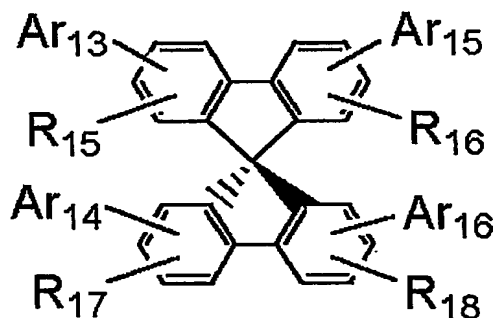
Y₁ and Y₃ can be bonded to Y₂ and Y₄ respectively to form a ring, and X₁ and X₃ can be bonded to Y₁ and/or Y₂ and Y₃ and/or Y₄ respectively to form a ring;

- 15 X₁, X₂ and X₃ are the same or different and are each independently a direct bond or a divalent group selected from the group consisting of alkylene, aralkylene, arylene, divalent heterocyclic, alkenylene, imino, -SiH₂-, silylene, carbonyl, ether
 20 and thioether, each having no substituent or a substituent which can include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

Y₁ to Y₄ are the same or different and are each independently a group selected from the group consisting of alkyl, aralkyl, aryl, heterocyclic, amino, silyl, alkylene, aralkylene, alkenylene, imino, -SiH₂-, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

R₁ to R₈ are the same or different and are each independently hydrogen, halogen or a group selected from the group consisting of alkyl, aralkyl and aryl, each having no substituent or a substituent; and m+n is an integer from 0 to 10, and

at least one compound selected from the group consisting of compounds represented by the following general formula [5]:



[5]

wherein Ar₁₃ to Ar₁₆ are the same or different and are each independently a group selected from the group consisting of aryl and heterocyclic, each having no

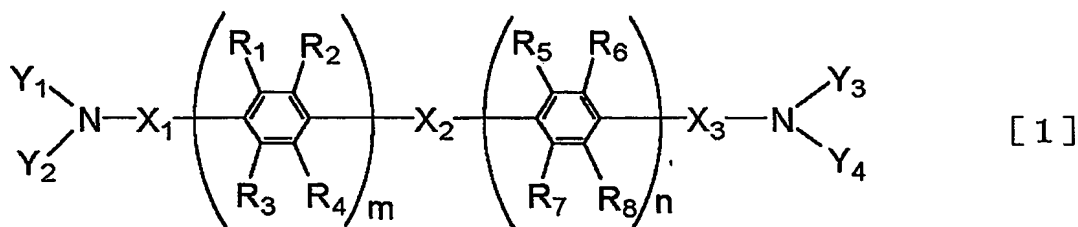
substituent or a substituent, and any one to three of Ar₁₃ to Ar₁₆ can be hydrogen or a group selected from the group consisting of alkyl and aralkyl, each having no substituent or a substituent; and R₁₅ to R₁₈ are the same or different and are hydrogen, halogen, cyano, a substituted amino or a group selected from the group consisting of alkyl, aralkyl, aryl and heterocyclic, each having no substituent or a substituent.

10

5. An organic light-emitting device comprising a pair of electrodes consisting of an anode and a cathode and an organic compound-containing layer sandwiched between the pair of electrodes, wherein at least one layer of the organic compound-containing layers contains

15

at least one compound selected from the group consisting of compounds represented by the following general formula [1]:



20

wherein

Y₁ and Y₃ can be bonded to Y₂ and Y₄ respectively to form a ring, and X₁ and X₃ can be bonded to Y₁

and/or Y₂ and Y₃ and/or Y₄ respectively to form a ring;

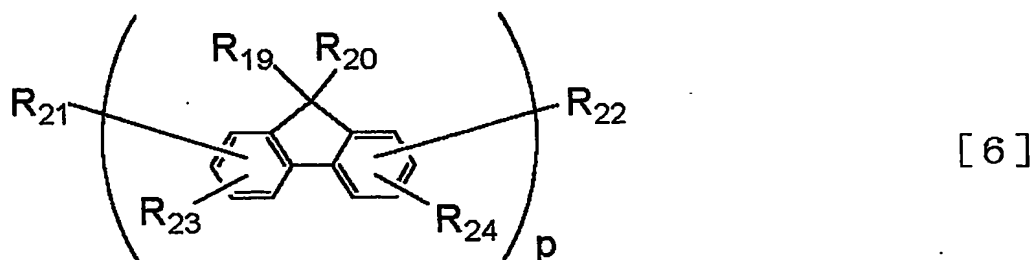
X₁, X₂ and X₃ are the same or different and are each independently a direct bond or a divalent group selected from the group consisting of alkylene, aralkylene, arylene, divalent heterocyclic, alkenylene, imino, -SiH₂-, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

Y₁ to Y₄ are the same or different and are each independently a group selected from the group consisting of alkyl, aralkyl, aryl, heterocyclic, amino, silyl, alkylene, aralkylene, alkenylene, imino, -SiH₂-, silylene, carbonyl, ether and thioether, each having no substituent or a substituent which can include a linking group consisting of arylene or divalent heterocyclic, each having no substituent or a substituent;

R₁ to R₈ are the same or different and are each independently hydrogen, halogen or a group selected from the group consisting of alkyl, aralkyl and aryl, each having no substituent or a substituent; and m+n is an integer from 0 to 10, and

at least one compound selected from the group consisting of compounds represented by the following

general formula [6]:



wherein R_{19} and R_{20} are the same or different and are
 5 hydrogen or a group selected from the group
 consisting of a alkyl, aralkyl and aryl, each having
 no substituent or a substituent; any pair of R_{19}
 combined to their respective fluorene structures are
 the same or different to each other; any pair of R_{20}
 10 combined to their respective fluorene structures are
 the same or different to each other; R_{21} to R_{24} are
 hydrogen, halogen, cyano, a substituted silyl or a
 group selected from the group consisting of alkyl,
 aralkyl and alkoxy, each having no substituent or a
 15 substituent; and p is an integer from 2 to 10.

6. The organic light-emitting device according
 to claim 1, wherein the layer containing the
 compounds represented by general formulas [1] and [2]
 20 is a light-emitting layer.

7. The organic light-emitting device according
 to claim 2, wherein the layer containing the

compounds represented by general formulas [1] and [3]
is a light-emitting layer.

8. The organic light-emitting device according
5 to claim 3, wherein the layer containing the
compounds represented by general formulas [1] and [4]
is a light-emitting layer.

9. The organic light-emitting device according
10 to claim 4, wherein the layer containing the
compounds represented by general formulas [1] and [5]
is a light-emitting layer.

10. The organic light-emitting device according
15 to claim 5, wherein the layer containing the
compounds represented by general formulas [1] and [6]
is a light-emitting layer.